

THE THORNEY RURAL DISTRICT COUNCIL
ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH FOR 1963.

Mr. Chairman and Gentlemen,

I beg to submit my Annual Report for the year ended 31st March, 1964.



The health of the community, except for a small measles epidemic, has been satisfactory.

A feature of last year was the increase in building in the village of Thorney itself, where ninety-one new dwellings have been completed. This is overtaxing the somewhat antique sewerage system of the village and some fresh means of sewerage disposal should be considered by the Council in the near future.

Owing to a leak in the water tower, the Village receives its water supply direct from Peterborough, pressure being reduced at the appropriate place by a depressurising valve.

I add a special report of the Public Health Officer.

Your obedient Servant,

J.R.F. Popplewell,

Medical Officer of Health.

STAFF.

Medical Officer of Health	J.R.F. Popplewell, M.R.C.S., L.R.C.P., D.R.C.O.G.
Surveyor and Public Health Officer.	E.T. Little, M.R.S.H., M.A.P.H.I.

GENERAL STATISTICS.

Area	.....	21,796 acres.
Population	.....	2,170.

VITAL STATISTICS.

<u>Live Births.</u>		<u>Male.</u>	<u>Female.</u>
Legitimate	.....	29.	16.
Illegitimate	.....	<u>Nil.</u>	<u>1.</u>
		29.	17.
		<u> </u>	<u> </u>
 <u>Still Births.</u>		 <u>Male.</u>	 <u>Female.</u>
Legitimate	.....	1.	Nil.
Illegitimate	.....	<u>Nil.</u>	<u>Nil.</u>
		1.	Nil.
		<u> </u>	<u> </u>

<u>Deaths.</u>	<u>Male.</u>	<u>Female.</u>
Deaths of Infants under 1 year.	Nil.	Nil.
Deaths of Infants under 4 weeks.	Nil.	Nil.
Deaths of Infants under 1 week.	Nil.	Nil.
Deaths from Cancer.	2.	Nil.
Deaths from Tuberculosis.	Nil.	Nil.
Total Deaths.	<u>9.</u>	<u>8.</u>

Infectious Diseases.

40 cases of Measles :-	<u>Male.</u>	<u>Female.</u>
Under 1 year.....	Nil.	Nil.
1 year.....	1.	2.
2 years.....	2.	3.
3 years.....	1.	4.
4 years.....	3.	3.
5-9 years.....	10.	10.
10-14 years.....	<u>Nil.</u>	<u>1.</u>
	<u>17.</u>	<u>23.</u>

1 case of Sonne Dysentery.
1 case of Meningococcal infection.

Immunisation against Diphtheria.

Under 1 year.....	20.
1 to 4 years.....	1
5 to 14 years.....	<u>Nil.</u>
	21
Boosters.	19.

Immunisation against Poliomyelitis.

This is carried out by the County Council and the local general practitioners.

Laboratory Facilities.

Ambulance Services.

Nursing in the Home.

Inspection and Supervision of Food.

Clinics.

The facilities of all the above services are the same as last year.

Housing.

Houses completed during the year :-

Private	...	34.
Council		Nil.

Council Offices,
THORNEY,
Peterborough.

June, 1964.

TO THE MEDICAL OFFICER OF HEALTH

Sir,

I have the honour to present my 9th Annual Report in respect of the year ended 31st March, 1964, as follows :-

NUISANCES.

15 Nuisances were investigated as follows :-

Premises (disrepair)	...	...	7.
Sanitary Accommodation	...	...	3.
Drainage	...	...	4.
Offensive Accumulations	...	...	1.

Number of Nuisances abated as a result
of informal action 11.

Number of Nuisances abated as a result
of statutory action 2.

FACTORIES & WORKSHOPS (see also Appendix 1)

Number of factories with mechanical power	6.
Number of factories without mechanical power	1.
Number of inspections	... .. 8.

REFUSE COLLECTION.

Collection of household refuse is carried out under private contract, and the number of collections in the rural area has been increased this year. Tipping is carried out by arrangement at the Peterborough Corporation controlled tip outside the district.

PETROLEUM ACTS, 1928, &c.

2 new licences were issued during the year.
1 existing licence has not been renewed.
42 current annual licences are now in force in respect of the bulk storage of petroleum mixtures at 42 premises, an increase of 1 over last year.
14 inspections were carried out during the year.

MORTUARY.

The Mortuary was not used during the year.

IMPROVEMENT GRANTS.

Applications were received for Standard Improvement Grants in respect of 24 properties and grants were awarded in each case.

Grants paid during the year totalled £2,635 in respect of the following amenities provided :-

Baths 17, Wash Basins 17, Hot Water supply 17, W.C's. 16
and Food Stores 11.

CARAVANS.

Under the terms of the Caravan Sites and Control of Development Act, 1960, inspections were made of all existing sites. 4 sites for single caravans are now licenced under the Act, prior planning approval having been received. There are no multiple sites in the area of this Authority.

WATER SUPPLY.

Bulk water consumption for the district was 26,765,000 gallons or 73,057 gallons per day equivalent to 35 gallons per head per day in respect of the population served.

On chemical analysis, a sample of water taken in Decceber, 1963, was shown to contain per million parts :-

Total solids dried at 180 deg. C	....	484.00
Suspended matter	....	absent.
Chlorides as Chlorine	....	31.95
Oxidised Nitrogen as Nitrate	....	0.21
Oxidises Nitrogen as Nitrite	....	0.00
Ammoniacal Nitrogen	....	0.080
Albumincid Nitrogen	....	0.008
Temporary hardness	....	235.00
Permanent hardness	....	105.00
Oxygen absorbed in 4 hrs. at 27 deg.F from N/80 KMnO4	....	0.04.
pH value	....	7.1
Appearance	....	clear and bright.
Odour	....	Normal.
Taste and Colour	....	Normal.
Heavy metals	....	Absent.
Free chlorine	....	0.25
No. of colonies developing per ml. on agar st 21 degrees C in 72 hrs.	....	6
No. of colonies developing per ml. on agar at 37 degrees C in 24 hrs.	....	0
No. of colonies developing per ml. on agar at 37 degrees C in 48 hrs.	....	4
Faecal coli count per 100 mls. at 44 degrees C in 48 hrs.	....	0
Bacillus Coli (presumptive) absent in		100 mls.

Observations on the Analysis.

This sample of water falls into Class 1 (excellent) of the Ministry of Health's classification of piped water supplies, and is also of suitable chemical quality for human consumption, domestic use and dairy purposes.

Bacteriological Examination.

4 samples of water were submitted for bacteriological examination with results as follows :

Highly satisfactory	3.
Satisfactory	1.
Unsatisfactory	Nil.

WATER SUPPLY (continued)

Works.

No. of new connenctions provided :-

Domestic.	62.
Metered	2.
New air-valves fixed	1.
Air-valves repaired	2.
New sluice valves fixed	2.
Sluice valves repaired	5.
New fire hydrants fixed	2.
Fire hydrants repaired	6.
Consumer meters repaired.	17.
Existing services repaired or renewed	13.
Stop-cocks repaired or renewed	5.
Burst mains repaired	21.
Marker posts replaced.	7.

220 yards of new main has been laid.

28 yards of existing main has been replaced

84 yards of existing main has been moved following street-works.

5 informal Notices have been served re waste of water.

Alterations have been made to the distribution system in Thorney Village so that the existing supply tank in the water tower is no longer in use. A direct connection is now made to the Peterborough trunk main, and a pressure reducing valve installed to maintain the existing village pressure of 30 lbs. per sq. in.

DRAINAGE AND SEWERAGE.

Ministry approval in principle has been received in respect of a scheme for the replacement of the existing sewage works and work is proceeding of the design of this plant. The Consulting Engineers have also been asked to report on the existing pumping installations which have long been out-dated and have given increasing trouble this year.

DISINFESTATION.

No call was made on this service during the year.

FOOD PREMISES.

All food premises have been inspected during the year.

COUNCIL HOUSING.

104 dwelling houses are owned and controlled by the Council, and repairs were carried out in 149 premises by direct labour during the year.

Work commenced in January on the improvement of all the pre-war houses to provide bath-rooms and hot water, etc.

Work commenced in February on the construction of 12 houses at 16 bungalows at Smithfield.

Rear access roadways have this year been provided so that all properties on the Park Crescent Estate now have roadway access to the rear of the gardens to provide for the erection of domestic garages by the individual tenants.

BUILDING BYELAWS.

69 sets of plans were deposited in respect of 145 new buildings and/or works. 208 visits and inspections were made.

SUMMARY OF VISITS & INSPECTIONS MADE

Nuisances	21
Water Supply	242
Factories & Workshops	8
Foodshops	19
Canteens	4
Mobile Vans	2
Drainage & Sewerage	78
Drainage (new work)	64
Caravans	6
Refuse Collection	7
Sewage Works	31
Sewage Pumping Stations	43
Street Numbering	59
Road Safety	1
Rodent Control	37
Improvement Grants	88
Committees, &c.	42
New Buildings	151
Planning	38
Council Houses	79
Miscellaneous	14
Petroleum Acts	14

NUMBER OF INTERVIEWS

Office	297
At private residence	68

CONCLUSION.

In conclusion, I wish to convey my thanks for the co-operation which I have received during the year from the members of the Council and staff in all the above work.

E.T.LITTLE

Surveyor and Public Health Inspector.

A P P E N D I X I.

FACTORIES ACTS 1937 AND 1938.

PREMISES.

	<u>No. on Register.</u>	<u>No. of Inspections.</u>	<u>Written Notices.</u>	<u>Occupiers Prosecuted</u>
Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities.	1.	2.	-	-
Factories in which Section 7 is enforced.	6.	6.	-	-
Other Premises.	-	-	-	-
	7.	8.	-	-

NO. OF CASES IN WHICH DEFECTS WERE FOUND.

<u>Particulars.</u>	<u>Found.</u>	<u>Remedied.</u>	<u>Referred to H.M. Inspector.</u>	<u>By H.M. Inspector.</u>	<u>Prosecutions</u>
Want of Cleanliness.	-	-	-	-	-
Sanitary Accommodation unsuitable or defective.	-	-	-	-	-

